

WHAT IS CLAIMED IS:

1. A method for enhancing broadcast movies comprising the steps of:
Acquiring a selected broadcast movie;
Acquiring said metadata;
Associating said metadata with said movie; and
Providing a portion of said metadata for viewing on a display in response to a viewer command whereby said portion of metadata is associated with a selected scene of said movie.
2. The method of claim 1 wherein said metadata is downloaded from a Web server.
3. The method of claim 1 wherein said metadata is received from a pay-per-view cable channel.
4. The method of claim 1 wherein authoring software identifies at least one GOP that identifies the start of a known scene.
5. The method of claim 4 wherein a hash signature is calculated for said at least one GOP and compared to known signatures provided with said metadata.
6. The method claim 1 further comprising the step of acquiring payment prior to transferring said metadata.
7. The method claim 1 further comprising the step of performing media association, building tracks and formatting said movie and said metadata for storing on a DVD disk.
8. A system to implement the method of Claim 7.
9. A computer to implement the method of Claim 7.

10. A computer-readable medium having instructions for assisting in the implementation of the method of Claim 7.

11. A method for viewing a broadcast movie comprising the steps of:
Recording said broadcast movie;
Acquiring metadata relating to said movie;
Identifying at least one scene of said movie;
Based on said identification associating metadata with said scene; and
Providing a viewer of said DVD disk with control command for selecting either the broadcast movie or one or more video elements, audio elements, subpicture elements or still picture graphics provided by said metadata.

12. The method of claim 11 wherein said acquiring step further comprises the steps of collecting payment for acquiring said metadata.

13. The method of claim 12 wherein said associating step includes the steps of:

Defining a title domain having a plurality of program chains;
Generating a plurality of chapter marks at each scene change
Identifying video elements, audio elements, subpicture elements and still picture graphics associated with at least a portion of said chapter marks; and
Selecting supplementary material from a menu in response to a viewer command, said supplementary material derived from said video elements, audio elements, subpicture elements and still picture graphics.

14. A method for enhancing viewing of a movie recorded to a DVD disk using MPEG compression comprising the steps of acquiring metadata associated with said movie and, during the display of said movie, providing the viewer the option to access metadata related to the displayed portion of said movie by calculating a signature for at least one frame of said movie, said signature uniquely identifying a portion of said related metadata.

15. The method of claim 14 further comprising the step of concluding a purchase transaction prior to accessing said metadata.

16. The method of claim 15 further comprising the steps of:
Recording said metadata to said DVD disk;
Subsequently, viewing said DVD disk and providing a viewer the option to access supplementary material in addition to said movie by:
Identifying a known scene of said movie;
Inserting a plurality of chapter marks at a plurality of scenes following said known scene; and
Accessing features related to a selected one of said scenes, said features provided by said metadata and linked to said selected scene.
17. The method of claim 16 wherein a hash signature identifies said known scene.
18. A system to implement the method of Claim 17.
19. A computer to implement the method of Claim 17.
20. A computer-readable medium having instructions for assisting in the implementation of the method of Claim 17.
21. A DVD recording system for enhancing viewing of a movie recorded to a DVD disk comprising:
A receiver for receiving a broadcast movie;
A recorder for transferring said broadcast movie to a DVD disk; and
Authoring software module for acquiring metadata associated with said movie and providing the viewer the option to access supplementary material provided with said metadata during display of said movie; said authoring software including a hash engine for identifying the start of at least one scene of said movie and means for combining said metadata with said broadcast movie.
22. The DVD recording system of claim 21 further comprising a software module for concluding a purchase transaction prior to accessing said metadata.

23. The DVD recording system of claim 22 further comprising means for receiving and recording said metadata to said DVD disk.

24. The DVD recording system of claim 23 further comprising means for determining a known location in the recorded movie and for linking said metadata thereto.

25. The method of claim 24 wherein said determining means comprises a hash signature generator.

26. A method for generating revenue from when broadcasting movies comprising the steps of:

Broadcasting and recording a movie;

Offering metadata related to said movie, said offer being accepted by payment of an agreed upon fee;

Linking said metadata with said movie; and

Authoring a DVD having at least a plurality of video and audio streams for viewer selection from a plurality of menus derived from said metadata, said menus providing viewer options in response to display of said movie.

27. The method of claim 26 wherein said acceptance comprises a per-per-view payment added to a viewer's monthly bill.

28. The method of claim 27 wherein said metadata has a program identifier and is broadcast on a separate channel from said movie.

29. The method of claim 28 wherein said acceptance comprises an Internet payment at a Web site having metadata available for download.

30. The method of claim 29 wherein said metadata is downloaded to a DVD recorder in response to a viewer's payment.